

WeeklyReport_2018-11-26_12-02_E

Week Overview

- $3 + 9 + 9 + 3 + 5 + 2 + 9 = 43$ hours

Project: RSATree

- Completed the rewriting of json as a parameter input with Xiaohan
- Solved the problem of progressive, because of the accuracy problem caused by float
- This week, Teacher Deng came to the lab to discuss this project with us. The biggest problem should be the lack of new ideas. Our efficiency cannot be achieved like nanocube and hashcube. But no more than efficiency, the idea itself is not new.
- Next week, I will integrate several examples with Mei.
- I will think about how to improve the processing speed of the SAT, maybe I can think about using GPU parallel computing.

Paper Reading

- OpinionSeer: Interactive Visualization of Hotel Customer Feedback

OpinionSeer, an interactive visualization system that could visually analyze a large collection of online hotel customer reviews.

- Narvis: Authoring Narrative Slideshows for Introducing Data Visualization Designs

VIS2018 Infovis. I think this article first applied the idea of deconstructing visual design, which is very similar to vega-lite. In addition to the hierarchical display of visual design, it can be very helpful to understand complex frameworks.

Daily affairs

- attend contest in codeforces and nowcoder,leetcode
- learn course in mlcourse.ai (Assignment 7)
- Complete the assignment 1 in caideng ML class. It is so difficult

Short-term perspective

Work	deadline	Tip
make research on the sat process accelerate	Tue	RSATree
make research on the GPU process	Thu	RSATree
complete the assignments of Geometric Modeling	Sun	RSATree

Long-term perspective

Work	deadline	Tip or Progress
RSATree Project	18.11.01	
GraphLayout	18.12.31	understand the visualization part
Dimensionality Reduction	19.02.01	more test